

CENTRAL INTELLIGENCE AGENCY
~~SECRET~~
INFORMATION REPORT

REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 5 Jan 1949

SUBJECT Production of Funkwerk Erfurt

NO. OF PAGES 3

PLACE ACQUIRED

Class. 006NO. OF ENCLS.
(LISTED BELOW)

50X1-HUM

DATE OF I

ED

D TO: TS S C

Mo., 4 Apr 77

SUPPLEMENT TO
REPORT NO.*Sgt*

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE SPYSHIP ACT OF 1917, U.S.C., SECTION 11, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS TO ANY ELEMENTARY OR AIR CHIEFMASTER OR PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. Funkwerk Erfurt (formerly Telefunken), a state-owned enterprise in the state of Thuringia, is producing electrical devices for the Soviet reparations account. Tubes of the following types are manufactured:

a. Transmitting tubes:

RS 384 (800 W output) - production of 5 per week
 RS 207 (2 Kw output) - production of 3 per week

LD and LG types are also assembled, using components manufactured by Lorenz A.G. for ultra short waves and decimeter tubes.

b. Receiving tubes:

U and E series (such types as AZ 11, AZ 1, and EZ 11), RS 720 (10 Kw tube for medium and short waves): production was to start during the last quarter of 1948.

2. The following attachment is a translation of an advertising leaflet which was distributed [redacted] Comment: Presumably overtly.) by Funkwerk Erfurt during 1948. It lists various types of electronic equipment produced at the plant.

R.D.
PHY-ELE

JAN 7 110 PM '49
SCSI RR

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

STATE	NAVY	NSRB	DISTRIBUTION						
ARMY	X AIR	X FBI							

50X1-HUM

~~SECRET~~

CENTRAL INTELLIGENCE AGENCY
SECRET
- 2 -



Funkwerk Erfurt (formerly Telefunken) 15a Erfurt,
Rudolfstrasse 47, Telephone 2 52 26

Apparatus Division

First Quarter

Tube voltmeter, Type 114	Measuring range: 0.15V - 0.5V - 2V	Frequency range: 10 kHz 50 MHz
High frequency tube voltmeter, Type 116	Measuring range: 2V - 10V - 50V	Frequency range: 1- kHz 30 MHz
Megohmmeter, Type 005	Measuring range: 100 kOhm - 5,000 MOhm	4 measuring ranges of ± 10% margin of error
RLC measuring bridge, Type 218	Measuring capacities: "R" measurements: 0.1 Ohm - 10 MOhm "L" measurements: 10 μ H - 1,000 H "C" measurements: 10 pF - 1,000 uF "Z" measurements: 0.1 Ohm - 10 MOhm	
Radio receiver, 3 tubes	Short, medium, and long waves	Diameter of loudspeaker: 150 mm. Types of tubes: UCH 11, UCL, and UY 11.

Second Quarter

High frequency measuring generator, Type 123	Frequency range: 100 kHz - 30 MHz distributed over 7 ranges	Modulation frequency: 400 Hz
Precision wavemeter, Type 121	Measuring range: 30 kHz - 30 MHz over 8 ranges	Tolerance: 0.1% Out- put voltage: 20 mV
Laboratory wavemeter, Type 125	Measuring range: 30 kHz - 30 MHz over 8 ranges	Tolerance: 0.5% Out- put voltage: 20 mV

Third Quarter

Induction meter, Type 220	Measuring range: 0.1 μ H - 10 mH over 5 ranges	Tolerance: ± 2% ± 0.02 uH
Quality coefficient meter, Type 127	Frequency range: 35 kHz - 10 MHz over 6 ranges	Tolerance: ± 5%
Capacity measuring bridge, Type 204	Measuring range: 0.01 pF - 1 μ F over 5 ranges	Tolerance: ± 0.05 pF...1% according to the range
Frequency meter, Type 107	Measuring range: 10 Hz - 60,000 Hz distributed over 6 steps	Tolerance: ± 1%...± 5%

SECRET/CONTROL - U.S. OFFICIALS ONLY

SECRET

~~SECRET/CONTROL~~ U.S. OFFICIALS ONLY
SECRET
CENTRAL INTELLIGENCE AGENCY

- 3 -

Fourth Quarter

Induction meter, Type 219	Measuring range: 1mH - 10 H over 4 ranges	Tolerance: 5%
Distortion factor measuring bridge, Type 203	Measuring range: 20 Hz - 10,000 Hz over 4 ranges	Measuring range of distribution factor: 0.1...100%
Precision audio frequency generator, Type 205	Frequency range: 20 Hz - 20 kHz	Output capacity, c. 0.5 W

SECRET/CONTROL - U.S. OFFICIALS ONLY

SECRET

50X1-HUM

Page Denied